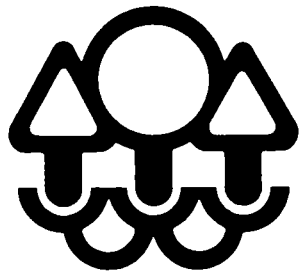


not RCRA 5E0301- further Research Required med NB  
Med- HLU 9/14/87



US EPA RECORDS CENTER REGION 5



420379  
940485

## Minnesota Pollution Control Agency

### PRELIMINARY ASSESSMENT EXECUTIVE SUMMARY

St. Paul Gas Manufacturing Site  
MND981528250

June 18, 1987

RECEIVED

JUN 30 1987

Program  
Support Section

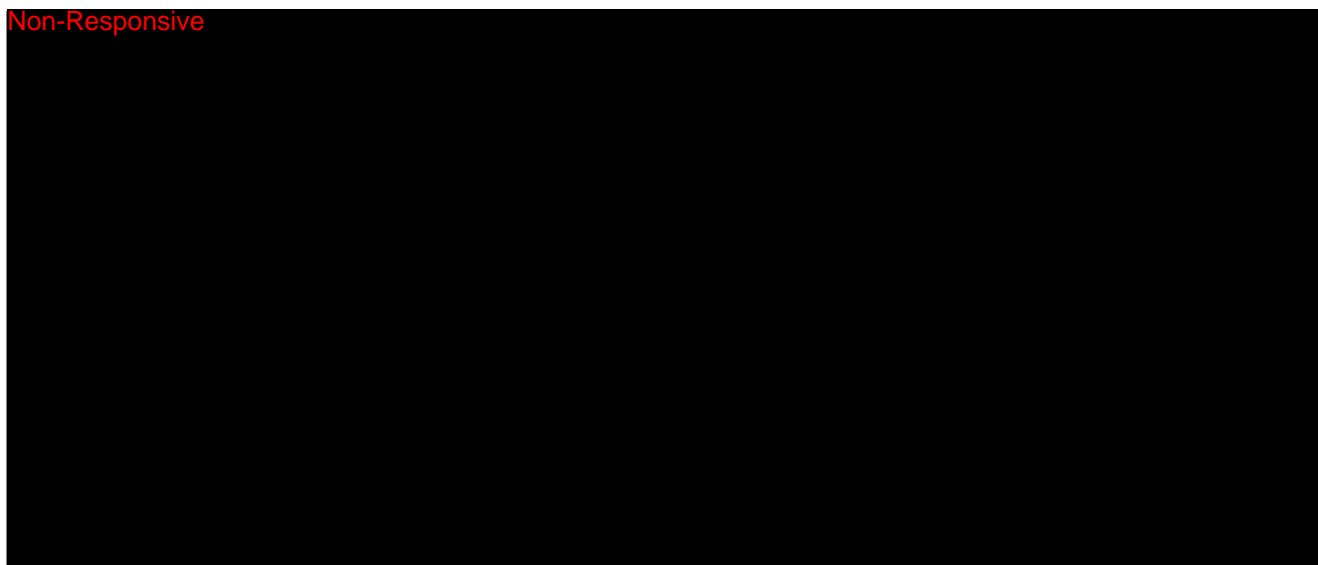
#### Situation

The St. Paul Gas Manufacturing Site (Site), was located in St. Paul, Ramsey County, Minnesota. The Site was in operation from 1857 to 1959. Coal gas was produced at the Site by thermal decomposition of coal. The typical by-products of this process include aromatic and polynuclear aromatic hydrocarbons, ammonia, ferrocyanide, coal tar, coke, and heavy metal ash. Some or all of these by-products may have been dumped on-site or discharged to the Mississippi River. A letter requesting information about waste handling procedures at the Site has been sent to one of the former Site operators.

There are no municipal drinking water supply wells within a 3-mile radius of the Site. The City of St. Paul has three wells that serve approximately 5 percent of the population of St. Paul, but these wells are located roughly six miles north of the Site. The remainder of the municipal water supply is obtained from the Mississippi River several miles upstream of the Site. There may be a few private wells within a 3-mile radius of the Site, but this has not been confirmed.

The Mississippi River is located roughly 1,200 feet south of the Site, and is used for recreational purposes along the 3-mile stretch downstream of the Site.

Non-Responsive



#00120 NB



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
MN D981528250

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site) ST. PAUL GAS MANUFACTURING SITE		02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER OLIVE ST. BETWEEN 4 <sup>TH</sup> AND 5 <sup>TH</sup> STREETS				
03 CITY ST. PAUL		04 STATE MN	05 ZIP CODE 55101	06 COUNTY RAMSEY	07 COUNTY CODE 123	08 CONG. DIST. 04
09 COORDINATES LATITUDE 44° 57' 03" N LONGITUDE 093° 04' 56" W		USGS ST. PAUL EAST 7.5' QUAD; revised 1967 (photo 1972)				
10 DIRECTIONS TO SITE (Starting from nearest public road) TAKE 7 <sup>TH</sup> STREET (FORT. RD.) INTO ST. PAUL FROM THE SOUTHWEST, TAKE KELLOGG ST. EAST FROM 7 <sup>TH</sup> , TURN LEFT ON BROADWAY, THEN RIGHT ON 4 <sup>TH</sup> ST.						

III. RESPONSIBLE PARTIES

01 OWNER (if known) NORTHERN STATES POWER COMPANY		02 STREET (Business mailing residence) 414 NICOLLET MALL				
03 CITY MINNEAPOLIS		04 STATE MN	05 ZIP CODE 55401	06 TELEPHONE NUMBER 612 330-5500		
07 OPERATOR (if known and different from owner) MS. D.B. PALMQUIST, ASST. ADMINISTRATOR - NSP CO. REGULATORY COMPLIANCE		08 STREET (Business mailing residence)				
09 CITY		10 STATE	11 ZIP CODE	12 TELEPHONE NUMBER		
13 TYPE OF OWNERSHIP (Check one) <input checked="" type="checkbox"/> A PRIVATE <input type="checkbox"/> B FEDERAL <input type="checkbox"/> C STATE <input type="checkbox"/> D COUNTY <input type="checkbox"/> E MUNICIPAL <input type="checkbox"/> F. OTHER <input type="checkbox"/> G UNKNOWN						

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)  
☐ A RCRA 3001 DATE RECEIVED MONTH DAY YEAR ☐ B UNCONTROLLED WASTE SITE (RCRA 103(c)) DATE RECEIVED MONTH DAY YEAR ☒ C NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION <input type="checkbox"/> YES DATE MONTH DAY YEAR <input type="checkbox"/> NO		02 BY (Check all that apply) <input type="checkbox"/> A. EPA <input type="checkbox"/> B. EPA CONTRACTOR <input type="checkbox"/> C. STATE <input type="checkbox"/> D. OTHER CONTRACTOR <input type="checkbox"/> E. LOCAL HEALTH OFFICIAL <input type="checkbox"/> F. OTHER CONTRACTOR NAME(S)			
--	--	--	--	--	--

02 SITE STATUS (Check one) <input type="checkbox"/> A. ACTIVE <input checked="" type="checkbox"/> B. INACTIVE <input type="checkbox"/> C. UNKNOWN	03 YEARS OF OPERATION BEGINNING YEAR 1957 ENDING YEAR 1959 <input type="checkbox"/> UNKNOWN
--	--

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT, KNOWN OR ALLEGED  
POLYNUCLEAR AROMATIC HYDROCARBONS  
AROMATIC HYDROCARBONS  
HEAVY METALS  
CYANIDE  
COAL TAR

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POPULATION  
GROUNDWATER (ENVIRONMENT)  
SURFACE WATER (ENVIRONMENT)

RECEIVED

JUN 30 1987

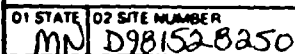
Program  
Support Section

V. PRIORITY ASSESSMENT POTENTIAL HAZARD: LOW

01 PRIORITY FOR INSPECTION (Check one. If high or medium is checked, complete Part 2. If low or none is checked, complete current disposition form.) <input type="checkbox"/> A. HIGH <input checked="" type="checkbox"/> B. MEDIUM <input type="checkbox"/> C. LOW <input type="checkbox"/> D. NONE			
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VI. INFORMATION AVAILABLE FROM

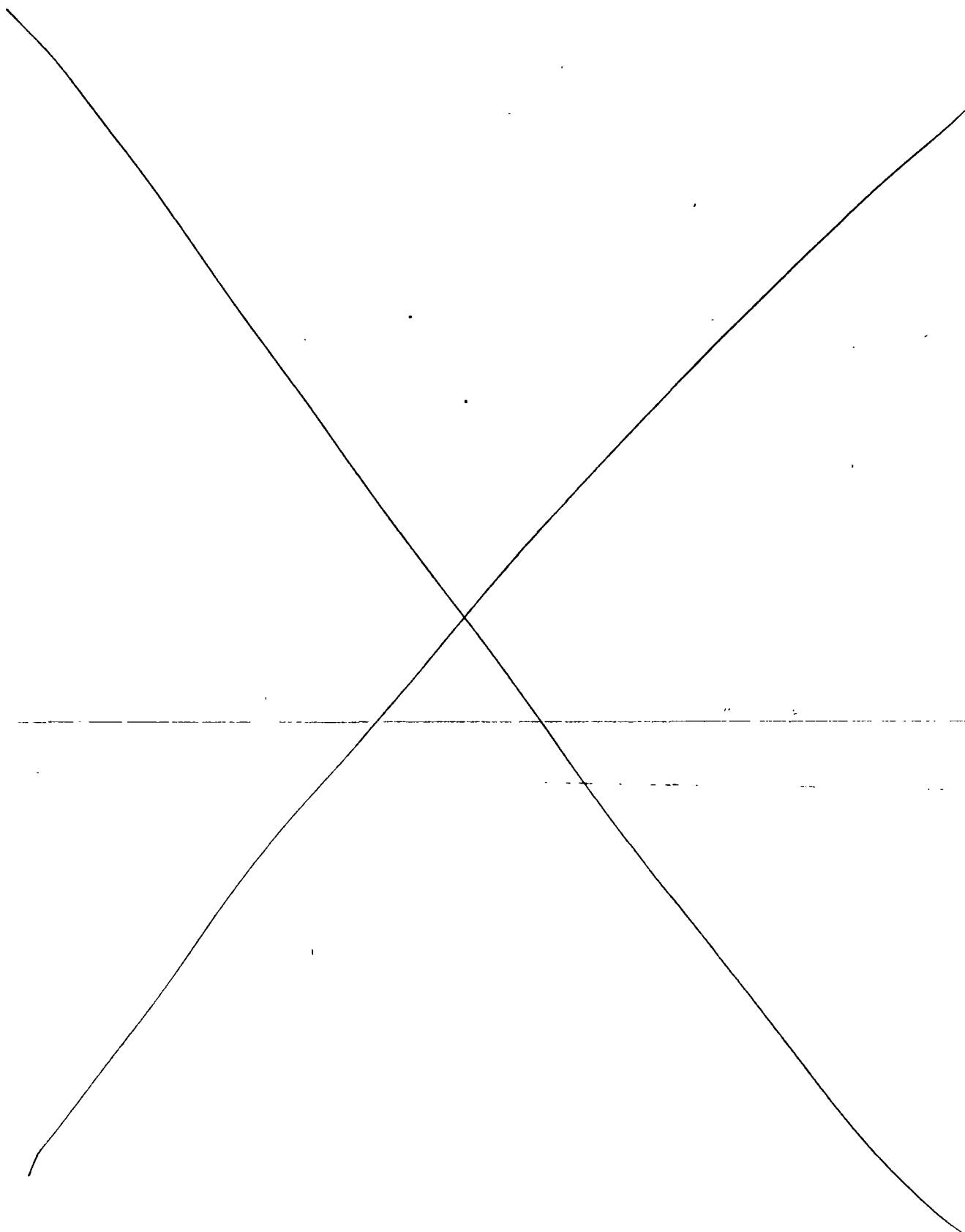
01 CONTACT SHEILAH M. ZIMMERER	02 OF (Agency/Organization) MN POLLUTION CONTROL AGENCY		03 TELEPHONE NUMBER 612 296-7827	
04 PERSON RESPONSIBLE FOR ASSESSMENT SAME	05 AGENCY	06 ORGANIZATION	07 TELEPHONE NUMBER	08 DATE 06.17.87



~~A~~ TOXIC  
~~B~~ CORROSIVE  
~~C~~ RADIOACTIVE  
~~D~~ PERSISTENT  
~~E~~ SOLUBLE  
~~F~~ INFECTIOUS  
~~G~~ FLAMMABLE  
~~H~~ IGNITABLE  
~~I~~ HIGHLY VOLATILE  
~~J~~ EXPLOSIVE  
~~K~~ REACTIVE  
~~L~~ INCOMPATIBLE  
~~M~~ NOT APPLICABLE



WASTE CALCULATION PAGE



## REGION V FIT - PA DOCUMENTATION PACKAGE

SITE NAME ST. PAUL GAS MANUFACTURING AKA(s) \_\_\_\_\_  
COMPANY \_\_\_\_\_  
 ADDRESS OLIVE ST. BETWEEN 4<sup>TH</sup> AND 5<sup>TH</sup> STREETS \_\_\_\_\_  
 CITY ST. PAUL STATE MN ZIP 55101 COUNTY RAMSEY \_\_\_\_\_  
 USEPA IDENTIFICATION NUMBER MND981508250

DOES THE FACILITY HAVE A RCRA PERMIT YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_

IF THE FACILITY HAS A RCRA PERMIT, DOES IT COVER ALL EXISTING AND FORMER WASTE STORAGE, TRANSPORT, AND/OR DISPOSAL ACTIVITIES AT THE FACILITY YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_  
 IF NO, DESCRIBE WHAT AREAS ARE NOT COVERED \_\_\_\_\_  
 \_\_\_\_\_  
 \_\_\_\_\_

## POTENTIAL SOURCES OF INFORMATION

	USED	NOT USEFUL	NOT AVAILABLE
1) STATE HAZARDOUS/SOLID WASTE FILES	<input checked="" type="checkbox"/>		
2) STATE WATER FILES			
3) STATE AIR FILES			
4) STATE DEPARTMENT OF HEALTH			
5) STATE GEOLOGICAL SURVEY	<input checked="" type="checkbox"/>		
6) STATE DEPARTMENT OF NATURAL RESOURCES			
7) STATE FIRE MARSHALL			
8) COUNTY DEPARTMENT OF HEALTH			
9) COUNTY ENGINEER			
10) COUNTY CLERK/RECORDER OF DEEDS			
11) CITY DEPARTMENT OF HEALTH			
12) CITY ENGINEER	<input checked="" type="checkbox"/>		
13) CITY FIRE DEPARTMENT/FIRE MARSHALL			
14) CITY WATER/SEWER DEPARTMENT			
15) U.S. SOIL CONSERVATION SERVICE			
16) OTHERS			
<u>FIT PRELIMINARY ASSESSMENTS FOR MN COAL</u>	<input checked="" type="checkbox"/>		
<u>GASIFICATION SITES.</u>			
_____			
_____			
_____			

MPCA  
 PREPARER SHEILAH M. ZIMMERER MPCA

DATE 6/18/87



St. Paul Gas  
Manufacturing Site

USGS St. Paul East Quad  
7.5 minute  
1967  
(photorevised 1972)



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
MN D981508250

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J. DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

NONE KNOWN OR OBSERVED.

01 ☐ K. DAMAGE TO FAUNA  
04 NARRATIVE DESCRIPTION (Include names of species)

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

NA.

01 ☒ L. CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

POTENTIAL FOR CONTAMINATION OF FISH IN THE MISSISSIPPI RIVER IF  
WASTES WERE DUMPED IN RIVER OR MIGRATED TO RIVER VIA GROUND WATER ROUTE.

01 ☒ M. UNSTABLE CONTAINMENT OF WASTES  
(Spills, runoff/standing liquids, leaking drums)

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

03 POPULATION POTENTIALLY AFFECTED UNKNOWN 04 NARRATIVE DESCRIPTION

WASTES MAY HAVE BEEN DUMPED ON SITE.

01 ☒ N. DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

POTENTIAL VIA GROUND WATER

01 ☒ O. CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED

PROCESS WASTES MAY HAVE BEEN DISCHARGED TO THE CITY SEWER  
SYSTEM.

01 ☐ P. ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED

NONE KNOWN OR OBSERVED.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL, OR ALLEGED HAZARDS

NONE KNOWN.

III. TOTAL POPULATION POTENTIALLY AFFECTED: UNKNOWN

IV. COMMENTS

VERY LITTLE INFORMATION ABOUT SITE OPERATIONS IS AVAILABLE.

V. SOURCES OF INFORMATION (Cite specific references to EPA files, reports, studies, records)

MPCA PA/SI FILES,  
MPCA RESPONSIBLE PARTY UNIT II FILES.





POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
MN D981508250

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED UNKNOWN 04 NARRATIVE DESCRIPTION

PROCESS WASTES THAT MAY HAVE BEEN DUMPED ON THE GROUND AT THE SITE MAY HAVE CONTAMINATED

01 ☒ B SURFACE WATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED UNKNOWN 04 NARRATIVE DESCRIPTION

PROCESS WASTE MAY HAVE BEEN DISCHARGED TO THE MISSISSIPPI RIVER, LOCATED ROUGHLY 1500 FT. SOUTH OF THE SITE.

01 ☐ C CONTAMINATION OF AIR 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

NA.

01 ☐ D FIRE/EXPLOSIVE CONDITIONS 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

NA.

01 ☐ E DIRECT CONTACT 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

NA.

01 ☒ F CONTAMINATION OF SOIL 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 AREA POTENTIALLY AFFECTED UNKNOWN 04 NARRATIVE DESCRIPTION

PROCESS WASTES MAY HAVE BEEN DUMPED ON-SITE, RESULTING IN CONTAMINATION OF SITE SOILS.

01 ☒ G DRINKING WATER CONTAMINATION 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED UNKNOWN 04 NARRATIVE DESCRIPTION

DRINKING WATER MAY HAVE BEEN CONTAMINATED BY SUBSTANCES DUMPED ON-SITE. THE SOURCE OF ST. PAUL'S WATER SUPPLY DURING THE YEARS 1857-1959 IS NOT KNOWN.

01 ☐ H WORKER EXPOSURE/INJURY 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☐ POTENTIAL ☐ ALLEGED  
03 WORKERS POTENTIALLY AFFECTED \_\_\_\_\_ 04 NARRATIVE DESCRIPTION

NA.

01 ☒ I POPULATION EXPOSURE/INJURY 02 ☐ OBSERVED (DATE \_\_\_\_\_) ☒ POTENTIAL ☐ ALLEGED  
03 POPULATION POTENTIALLY AFFECTED UNKNOWN 04 NARRATIVE DESCRIPTION

POPULATION IN THE AREA MAY HAVE BEEN EXPOSED TO CONTAMINANTS VIA CONTAMINATED GROUND WATER.

## A) GROUNDWATER CONTAMINATION

- A.1 MONITORING WELLS YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_ NUMBER OF WELLS \_\_\_\_\_
- A.2 MONITORING WELLS CONTAMINATED YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN NA ☒
- A.3 PRIVATE, PUBLIC, AND/OR COMMERCIAL WELLS CONTAMINATED YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN ☒
- A.4 TYPE(S) OF CONTAMINATION \_\_\_\_\_

- A.5 BACKGROUND WELL AVAILABLE YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN ☒
- A.6 IF NO RECORDED CONTAMINATION, IS THERE A POTENTIAL YES ☒ NO \_\_\_\_\_  
WHY? PROCESS WASTES MAY HAVE BEEN DUMPED ON SITE.

- A.7 GROUNDWATER USED FOR DRINKING WATER YES ☒ NO \_\_\_\_\_
- A.8 DISTANCE TO NEAREST WELL \_\_\_\_\_ FEET
- A.9 ESTIMATE OF THE POPULATION ON GROUNDWATER IN A THREE MILE RADIUS OF THE SITE

## A.10 TYPES OF AQUIFERS

TYPE	THICKNESS	DEPTH	AQUIFER OF CONCERN	CONTAMINATED
St. Peter SS.	100'	0'	no	possibly
Prairie du Chien Fm.	125'	100'	yes	unknown
Jordan S.S.	90'	225'	yes	unknown
Ironston - Galesville S.S.	60'	525'	no	unknown

- A.11 DOES SITE GEOLOGY PREVENT THE MIGRATION OF CONTAMINANTS TO UNDERLYING AQUIFERS YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_ IF YES, WHY \_\_\_\_\_
- A.12 DOES THE CONTAINMENT PROCEDURES UTILIZED AT THE FACILITY PREVENT THE MIGRATION OF CONTAMINANTS TO UNDERLYING AQUIFERS YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_ IF YES, WHY \_\_\_\_\_

SOURCES: 2, 3, 5, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## B) SURFACE WATER CONTAMINATION

## B.1 TYPE OF NEARBY SURFACE WATER(S):

CREEK \_\_\_\_\_, STREAM \_\_\_\_\_, AND/OR RIVER ☒ (CONTINUOUSLY FLOWING)

POND \_\_\_\_\_, LAKE \_\_\_\_\_, AND/OR SWAMP/MARSH \_\_\_\_\_

B.2 DISTANCE TO THE NEAREST SURFACE WATER ~1200 FEET

- B.3 DOES SURFACE TOPOGRAPHY PREVENT THE MIGRATION OF CONTAMINANTS TO THE SURFACE WATER(S)? YES \_\_\_\_\_ NO \_\_\_\_\_. IF YES, WHY SURFACE TOPOGRAPHY AT THE TIME OF GAS MFG. OPERATIONS IS UNKNOWN, BUT ROADS PROBABLY WERE PRESENT BETWEEN THE SITE AND THE MISSISSIPPI R., EFFECTIVELY BLOCKING

## B.4 USAGE OF SURFACE WATER

DRINKING WATER YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_

IRRIGATION YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_

RECREATION YES ☒ NO \_\_\_\_\_ UNKNOWN \_\_\_\_\_

DRAINAGE TO THE RIVER  
HOWEVER, PROCESS WASTES  
MAY HAVE BEEN DISCHARGED  
TO THE RIVER DURING THE  
YEARS OF PLANT OPERATION.

## B) SURFACE WATER CONTAMINATION (CONTINUED)

B.5 SURFACE WATER CONTAMINATED YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN ☒

B.6 TYPE(S) OF CONTAMINATION AND DATE \_\_\_\_\_

B.7 IF NO RECORDED CONTAMINATION, IS THERE A POTENTIAL YES ☒ NO \_\_\_\_\_  
WHY? THERE WAS PROBABLY THE POTENTIAL FOR CONTAMINATION OF THE RIVER AT THE TIME THE PLANT WAS OPERATING.

B.8 DISTANCE TO NEAREST DRINKING WATER INTAKE WITHIN THREE MILES: \_\_\_\_\_ MILE(S)

B.9 ESTIMATE OF POPULATION USING SURFACE WATER \_\_\_\_\_, INTAKES WITHIN THREE MILES OF THE SITE.

B.10 IS THERE A WILDLIFE PRESERVE (5 ACRE MINIMUM) WHICH COULD BE CONTAMINATED  
YES \_\_\_\_\_ NO ☒B.11 ARE THERE FEDERALLY ENDANGERED SPECIES PRESENT YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN NASOURCES: 1a, 2, 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## C) CONTAMINATION OF AIR

C.1 CITIZEN COMPLAINTS YES \_\_\_\_\_ NO ☒ DATE(S) \_\_\_\_\_ NATURE OF COMPLAINT \_\_\_\_\_C.2 AIR PROBLEMS AS CONFIRMED BY LOCAL, STATE, AND/OR FEDERAL INVESTIGATORS  
YES \_\_\_\_\_ NO ☒ DATE(S) \_\_\_\_\_ DESCRIPTION OF EVENT AND METHODOLOGY USED \_\_\_\_\_C.3 IF NO CONFIRMED RELEASES, IS THERE A POTENTIAL YES \_\_\_\_\_ NO ☒ IF YES, WHY \_\_\_\_\_

C.4 ESTIMATE OF POPULATION WITHIN A FOUR MILE RADIUS \_\_\_\_\_

SOURCES: NA  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## D) FIRE/EXPLOSIVE CONDITIONS

D.1 HAS A STATE AND/OR LOCAL FIRE MARSHAL CERTIFIED THAT THE SITE IS A FIRE HAZARD OR PRESENTS A EXPLOSION THREAT YES \_\_\_\_\_ NO ☒ DATE \_\_\_\_\_  
AGENCY \_\_\_\_\_ DESCRIPTION OF EVENT \_\_\_\_\_D.2 INCOMPATIBLE WASTES PRESENT YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN ☒D.3 IGNITABLE WASTES PRESENT YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN ☒D.4 IF NO CONFIRMED THREAT, IS THERE A POTENTIAL THREAT YES \_\_\_\_\_ NO ☒  
UNKNOWN \_\_\_\_\_ NATURE OF THE POTENTIAL THREAT \_\_\_\_\_

D.5 DISTANCE TO NEAREST POPULATION \_\_\_\_\_ FEET

D.6 ESTIMATE OF POPULATION WITHIN TWO MILES \_\_\_\_\_

D.7 DISTANCE TO NEAREST BUILDING \_\_\_\_\_ FEET

SOURCES: NA  
\_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## E) DIRECT CONTACT

E.1 IS SITE ACCESS RESTRICTED ~~RESTRICTED~~ TO NON-FACILITY PERSONNEL YES ☐ NO ☒ NA ☒  
 UNKNOWN ☐ IF YES, METHOD SITE IS NOW OCCUPIED BY A CURRENTLY OPER-  
ATING BUSINESS. MOST, IF NOT ALL, OF THE SITE IS NOW PAVED.

E.2 HAVE AND/OR CAN NON-FACILITY PERSONNEL COME EASILY INTO CONTACT WITH HAZARDOUS MATERIAL AT THE FACILITY YES ☐ NO ☒ IF YES, HOW ☐

E.3 ARE WASTES PROPERLY CONTAINED AT THE FACILITY YES ☐ NO ☐ UNKNOWN ☐ NA ☒

E.4 ESTIMATE OF THE NUMBER OF INDIVIDUALS WITH ONE MILE OF THE FACILITY ☐

E.5 AS A RESULT OF RECREATIONAL ACTIVITIES, IS DIRECT CONTACT POSSIBLE YES ☐  
 NO ☒ UNKNOWN ☐

SOURCES: 1a, ☐, ☐, ☐, ☐, ☐

## F) CONTAMINATION OF SOIL

F.1 ANALYTICAL DATA YES ☐ NO ☒ IF-YES, DATE AND TYPE OF CONTAMINATION ☐

F.2 PHOTOGRAPHIC EVIDENCE TO INDICATE CONTAMINATION YES ☐ NO ☒ IF YES, DATE AND DESCRIPTION ☐

F.3 IF NO TO F.1 AND F.2, IS THERE A POTENTIAL YES ☒ NO ☐ UNKNOWN ☐  
 IF YES, DESCRIBE PROCESS WASTES MAY HAVE BEEN DUMPED ON THE GROUND  
AT THE SITE DURING THE YEARS OF SITE OPERATION.

F.4 AREA AFFECTED OR POTENTIALLY AFFECTED UNKNOWN ACRE(S)

SOURCES: 2, 4, ☐, ☐, ☐, ☐

## G) DRINKING WATER CONTAMINATION

SEE SECTIONS A AND B

➤ G.1 TOTAL POPULATION POTENTIALLY AFFECTED ☐ (NOT DOUBLE COUNTED)

SOURCES: SEE SECTIONS A AND B

## H) WORKER EXPOSURE/INJURY

H.1 DO SITE CONDITIONS THREATEN FACILITY WORKER AND/OR WORKERS AT ADJACENT FACILITIES  
 YES ☐ NO ☒ UNKNOWN ☐ IF YES, DESCRIBE ☐

H.2 HAS THERE BEEN DOCUMENTED PROBLEMS YES ☐ NO ☒ UNKNOWN ☐ IF YES, DESCRIBE ☐

H.3 ESTIMATE OF WORKER POPULATION AFFECTED OR POTENTIALLY AFFECTED ☐

SOURCES: 2, ☐, ☐, ☐, ☐

## M) UNSTABLE CONTAINMENT OF WASTES

M.1 ARE WASTE STORAGE AND/OR DISPOSAL PRACTICES AT THE FACILITY ADEQUATE YES ☐ NO ☐ UNKNOWN ☒ IF NO, DESCRIBE NATURE OF THE PROBLEM(S) \_\_\_\_\_

STORAGE AND DISPOSAL OF PLANT WASTES AT THE TIME THE PLANT WAS IN OPERATION MAY HAVE BEEN INADEQUATE.

M.2 IF YES OR UNKNOWN TO M.1, DESCRIBE ANY POTENTIAL PROBLEM(S) \_\_\_\_\_

SEE M.1 (ABOVE).

SEE ALL PREVIOUS SECTIONS, USE MAXIMUM POPULATION THAT IS NOT DOUBLE COUNTED

SOURCES: 2, 4, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## N) DAMAGE TO OFFSITE PROPERTY

N.1 HAVE OFFSITE PROPERTIES BEEN DAMAGED BY SITE ACTIVITIES YES ☐ NO ☐ UNKNOWN ☒ IF YES, GIVE DATE(S) AND DESCRIBE EVENT(S) \_\_\_\_\_

POSSIBLY VIA GROUND WATER CONTAMINATION.

SEE ALL PREVIOUS SECTIONS

SOURCES: NA, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## O) CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs

O.1 DOCUMENTED DAMAGE TO INFRASTRUCTURE YES ☐ NO ☒ UNKNOWN ☐ IF YES, GIVE DATE(S) AND DESCRIBE EVENT(S) \_\_\_\_\_

O.2 IF NO OR UNKNOWN TO O.1, DESCRIBE ANY POTENTIAL PROBLEMS WASTES FROM THE PLANT MAY HAVE CONTAMINATED SEWERS OR STORM DRAINS BUT THE LOCATION OF THESE STRUCTURES AT THE TIME THE PLANT WAS ACTIVE IS UNKNOWN.

SOURCES: NA, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## P) ILLEGAL/UNAUTHORIZED DUMPING

P.1 HAVE THERE BEEN EPISODES OF ILLEGAL, UNAUTHORIZED, AND/OR MIDNIGHT DUMPING AT THE FACILITY YES ☐ NO ☒ UNKNOWN ☐ IF YES, GIVE DATE(S) AND DESCRIBE EVENT(S) \_\_\_\_\_

P.2 HAS THE FACILITY RECEIVED HAZARDOUS WASTES WITHOUT A PROPER LOCAL, STATE, AND/OR FEDERAL PERMITS WHEN SUCH PERMITS WOULD HAVE NORMALLY BEEN REQUIRED YES ☐ NO ☒ UNKNOWN ☐ IF YES, GIVE DATE(S) AND DESCRIBE EVENT(S) \_\_\_\_\_

P.3 WOULD SITE SECURITY PROMOTE UNAUTHORIZED DUMPING YES ☐ NO ☒ UNKNOWN ☐ IF POSSIBLE, DESCRIBE \_\_\_\_\_

SOURCES: NA, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## I) POPULATION EXPOSURE/INJURY

I.1 DO SITE CONDITIONS THREATEN NEARBY POPULATION YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_  
 IF YES, DESCRIBE (INCLUDE DATES OF EXPOSURE) \_\_\_\_\_

I.2 AS A RESULT OF RECREATIONAL ACTIVITIES, IS POPULATION EXPOSURE/INJURY POSSIBLE  
 YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_ IF YES, DESCRIBE \_\_\_\_\_

I.3 POPULATION AFFECTED OR POTENTIALLY AFFECTED - SAME AS TOTAL POPULATION EXPOSED

SOURCES: 1a, 6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## J) DAMAGE TO FLORA

J.1 OBSERVED OCCURRENCES OF DAMAGE YES \_\_\_\_\_ NO \_\_\_\_\_ UNKNOWN ☒ IF YES, DATE \_\_\_\_\_  
 AND EXTENT OF DAMAGE POSSIBLE DAMAGE TO FLORA IN THE PAST

J.2 IF NO OR UNKNOWN IN J.1, IS THERE A POTENTIAL FOR SUCH AN OCCURRENCE YES \_\_\_\_\_  
 NO ☒ UNKNOWN \_\_\_\_\_ IF YES, DESCRIBE POTENTIAL \_\_\_\_\_  
(NOT AT THE PRESENT TIME)

SOURCES: 6, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## K) DAMAGE TO FAUNA

K.1 OBSERVED OCCURRENCES OF DAMAGE YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_ IF YES, DATE \_\_\_\_\_  
 AND EXTENT OF DAMAGE \_\_\_\_\_

K.2 IF NO OR UNKNOWN TO K.1, IS THERE A POTENTIAL FOR SUCH AN OCCURRENCE YES \_\_\_\_\_  
 NO ☒ UNKNOWN \_\_\_\_\_ IF YES, DESCRIBE POTENTIAL \_\_\_\_\_

SOURCES: NA, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

## L) CONTAMINATION OF FOOD CHAIN

L.1 HAVE GRAIN CROPS BEEN IMPACTED YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_  
 L.2 HAVE LIVESTOCK (CATTLE, CHICKENS, etc.) BEEN IMPACTED YES \_\_\_\_\_ NO 1  
 UNKNOWN \_\_\_\_\_

L.3 IF YES TO L.1 AND/OR L.2, DESCRIBE IMPACT AND GIVE DATE \_\_\_\_\_

L.4 IF NO TO L.1 AND OR L.2, IS THERE A POTENTIAL YES \_\_\_\_\_ NO ☒ UNKNOWN \_\_\_\_\_  
 IF YES, DESCRIBE \_\_\_\_\_

SOURCES: NA, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_, \_\_\_\_\_

RECOMMENDED ACTIONS SEND A LETTER TO NORTHERN

STATES POWER COMPANY (NSP), THE SITE OWNER SINCE 1925. INCLUDE  
QUESTIONS REGARDING ① A HISTORY OF SITE OWNERSHIP, ② SITE LOCA-  
TION (ADDRESS GIVEN BY NSP NO LONGER EXISTS; STREETS HAVE BEEN  
MODIFIED), ③ HISTORY OF PLANT OPERATIONS, ④ VOLUME OF GAS PRODUCED  
& SOLD ANNUALLY, ⑤ WASTE TYPES AND VOLUMES PRODUCED, ⑥ METHOD(S)/  
LOCATION(S) OF WASTE DISPOSAL (IF WASTES WERE DISPOSED OF ON-SITE,  
SHOW THE LOCATION(S) WHERE DUMPING OCCURRED AND PROVIDE AN  
ESTIMATE OF THE SIZE OF THE AREA(S) IMPACTED), ⑦ A SITE MAP, SHOWING  
LOCATION(S) OF PLANT STRUCTURES SUCH AS RETORTS, STORAGE TANKS,

AT THIS TIME, THERE IS

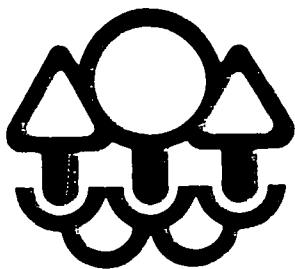
COMMENTS <sup>^</sup> VERY LITTLE ACTUAL INFORMATION REGARDING SITE OPERATIONS  
AND THE POTENTIAL HAZARD THE SITE MAY HAVE POSED TO THE  
ENVIRONMENT AND THE PUBLIC HEALTH.

## PA DOCUMENTATION SHEET

 SITE ST. PAUL GAS MFG. SITE  
 IDENTIFICATION NUMBER MND981520250

SOURCE NUMBER	DESCRIPTION OF SOURCE
1A, 1B, 1C, 1D	1A) QUAD NAME <u>ST. PAUL EAST</u> SIZE: <u>7.5</u> or 15 YEAR <u>1967</u> (photo revised 1972) 1C) QUAD NAME _____ SIZE: 7.5 or 15 YEAR _____ 1B) QUAD NAME _____ SIZE: 7.5 or 15 YEAR _____ 1D) QUAD NAME _____ SIZE: 7.5 or 15 YEAR _____
2	MPCA SOLID AND HAZARDOUS WASTE DIVISION, SITE RESPONSE SECTION FILES - GENERAL CORRESPONDENCE FOR FARIBAULT COAL GAS SITE 1981, 1983, 1985/86.
3	PHONE CALL TO TOM MOGREN, WATER UTILITIES GEN'L MANAGER FOR THE CITY OF ST. PAUL (612/298-4012).
4	FIT PRELIMINARY ASSESSMENTS FOR THE FOLLOWING MN COAL GAS SITES; HIBBING, MANKATO, OWATONNA, ALBERT LEA, AUSTIN, BRAINERD, WINONA, VIRGINIA, STILLWATER I & II, ST. CLOUD, ROCHESTER, RED WING. SITE RESPONSE SECTION PA/SI FILES.
5	"WATER RESOURCES OUTLOOK FOR THE MINNEAPOLIS-ST. PAUL METROPOLITAN AREA"; 1973; USGS IN COOPERATION WITH THE METROPOLITAN COUNCIL OF THE TWIN CITIES AREA"
6	VISUAL RECONNAISSANCE OF CURRENT SITE CONDITIONS (1987)





# Minnesota Pollution Control Agency

## PRELIMINARY ASSESSMENT EXECUTIVE SUMMARY

St. Paul Gas Manufacturing Site  
MND981528250

June 18, 1987

### Situation

The St. Paul Gas Manufacturing Site (Site), was located in St. Paul, Ramsey County, Minnesota. The Site was in operation from 1857 to 1959. Coal gas was produced at the Site by thermal decomposition of coal. The typical by-products of this process include aromatic and polynuclear aromatic hydrocarbons, ammonia, ferrocyanide, coal tar, coke, and heavy metal ash. Some or all of these by-products may have been dumped on-site or discharged to the Mississippi River. A letter requesting information about waste handling procedures at the Site has been sent to one of the former Site operators.

There are no municipal drinking water supply wells within a 3-mile radius of the Site. The City of St. Paul has three wells that serve approximately 5 percent of the population of St. Paul, but these wells are located roughly six miles north of the Site. The remainder of the municipal water supply is obtained from the Mississippi River several miles upstream of the Site. There may be a few private wells within a 3-mile radius of the Site, but this has not been confirmed.

The Mississippi River is located roughly 1,200 feet south of the Site, and is used for recreational purposes along the 3-mile stretch downstream of the Site.

Non-Responsive



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT  
PART 1 - SITE INFORMATION AND ASSESSMENT

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
MN D981528250

II. SITE NAME AND LOCATION

01 SITE NAME (Legal, common, or descriptive name of site)  
ST. PAUL GAS MANUFACTURING SITE

02 STREET, ROUTE NO., OR SPECIFIC LOCATION IDENTIFIER  
OLIVE ST. BETWEEN 4<sup>TH</sup> AND 5<sup>TH</sup> STREETS

03 CITY  
ST. PAUL

04 STATE 05 ZIP CODE 06 COUNTY  
MN 55101 RAMSEY

07 COUNTY CODE 08 CONG. DIST.  
123 04

09 COORDINATES LATITUDE LONGITUDE  
44° 57' 03" 093° 04' 56"

USGS ST. PAUL EAST 7.5' QUAD; 1967 (photo revised 1972)

10 DIRECTIONS TO SITE (Starting from nearest public road)

TAKE 7<sup>TH</sup> STREET (FORT. RD.) INTO ST. PAUL FROM THE SOUTHWEST, TAKE KELLOGG ST. EAST FROM 7<sup>TH</sup>, TURN LEFT ON BROADWAY, THEN RIGHT ON 4<sup>TH</sup> ST.

III. RESPONSIBLE PARTIES

01 OWNER (if known)  
NORTHERN STATES POWER COMPANY

02 STREET (Business, mailing, residential)  
414 NICOLLET MALL

03 CITY  
MINNEAPOLIS

04 STATE 05 ZIP CODE 06 TELEPHONE NUMBER  
MN 55401 612 330-5500

07 OPERATOR (if known and different from owner)  
MS. D.B. PALMQUIST, ASST. ADMINISTRATOR - NSP CO. REGULATORY COMPLIANCE

08 CITY

10 STATE 11 ZIP CODE 12 TELEPHONE NUMBER  
1 1

13 TYPE OF OWNERSHIP (Check one)

☒ A PRIVATE ☐ B FEDERAL ☐ C STATE ☐ D COUNTY ☐ E MUNICIPAL  
☐ F OTHER ☐ G UNKNOWN

14 OWNER/OPERATOR NOTIFICATION ON FILE (Check all that apply)

☐ A RCRA 3001 DATE RECEIVED ☐ B UNCONTROLLED WASTE SITE (RCRA 103 c) DATE RECEIVED ☒ C NONE

IV. CHARACTERIZATION OF POTENTIAL HAZARD

01 ON SITE INSPECTION  
☐ YES DATE ☐ NO  
MONTH DAY YEAR

BY (Check all that apply):  
☐ A EPA ☐ B EPA CONTRACTOR ☐ C STATE ☐ D OTHER CONTRACTOR  
☐ E LOCAL HEALTH OFFICIAL ☐ F OTHER  
CONTRACTOR NAME(S)

02 SITE STATUS (Check one)  
☐ A ACTIVE ☒ B INACTIVE ☐ C UNKNOWN

03 YEARS OF OPERATION  
BEGINNING YEAR ENDING YEAR  
1957 1959 ☐ UNKNOWN

04 DESCRIPTION OF SUBSTANCES POSSIBLY PRESENT KNOWN OR ALLEGED  
POLYNUCLEAR AROMATIC HYDROCARBONS  
HEAVY METALS  
COAL TAR  
AROMATIC HYDROCARBONS  
CYANIDE

05 DESCRIPTION OF POTENTIAL HAZARD TO ENVIRONMENT AND/OR POLLUTION  
GROUNDWATER (ENVIRONMENT)  
SURFACE WATER (ENVIRONMENT)

V. PRIORITY ASSESSMENT POTENTIAL HAZARD: LOW

01 PRIORITY FOR INSPECTION (Check one if high or medium is checked, complete Part 2. Waste information and Part 3. Description of Hazardous Conditions and incidents)

☐ A. HIGH ☒ B. MEDIUM ☐ C. LOW ☐ D. NONE

VI. INFORMATION AVAILABLE FROM

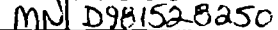
01 CONTACT  
SHEILAH M. ZIMMERER

02 OF (Agency/Organization)  
MN POLLUTION CONTROL AGENCY

03 TELEPHONE NUMBER  
612 296-7827

04 PERSON RESPONSIBLE FOR ASSESSMENT  
SAME

05 AGENCY  
06 ORGANIZATION  
07 TELEPHONE NUMBER  
08 DATE  
06.17.87



I HIGHLY VOLATILE  
J EXPLOSIVE  
K REACTIVE  
L INCOMPATIBLE  
M NOT APPLICABLE



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

1 IDENTIFICATION

01 STATE

02 SITE NUMBER

MN

D9B150825C

II. HAZARDOUS CONDITIONS AND INCIDENTS

01 ☒ A GROUNDWATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED UNKNOWN

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

PROCESS WASTES THAT MAY HAVE BEEN DUMPED ON THE GROUND AT THE SITE MAY HAVE CONTAMINATED

01 ☒ B SURFACE WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED UNKNOWN

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

PROCESS WASTE MAY HAVE BEEN DISCHARGED TO THE MISSISSIPPI RIVER, LOCATED ROUGHLY 1500 FT. SOUTH OF THE SITE.

01 ☐ C CONTAMINATION OF AIR

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

NA.

01 ☐ D FIRE/EXPLOSIVE CONDITIONS

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

NA.

01 ☐ E DIRECT CONTACT

03 POPULATION POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

NA.

01 ☒ F CONTAMINATION OF SOIL

03 AREA POTENTIALLY AFFECTED UNKNOWN

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

PROCESS WASTES MAY HAVE BEEN DUMPED ON-SITE, RESULTING IN CONTAMINATION OF SITE SOILS.

01 ☒ G DRINKING WATER CONTAMINATION

03 POPULATION POTENTIALLY AFFECTED UNKNOWN

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

DRINKING WATER MAY HAVE BEEN CONTAMINATED BY SUBSTANCES DUMPED ON-SITE. THE SOURCE OF ST. PAUL'S WATER SUPPLY DURING THE YEARS 1857-1959 IS NOT KNOWN.

01 ☐ H WORKER EXPOSURE/INJURY

03 WORKERS POTENTIALLY AFFECTED \_\_\_\_\_

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☐ POTENTIAL

☐ ALLEGED

NA.

01 ☒ I POPULATION EXPOSURE/INJURY

03 POPULATION POTENTIALLY AFFECTED UNKNOWN

02 ☐ OBSERVED (DATE \_\_\_\_\_)

04 NARRATIVE DESCRIPTION

☒ POTENTIAL

☐ ALLEGED

POPULATION IN THE AREA MAY HAVE BEEN EXPOSED TO CONTAMINANTS VIA CONTAMINATED GROUND WATER.



POTENTIAL HAZARDOUS WASTE SITE  
PRELIMINARY ASSESSMENT

PART 3 - DESCRIPTION OF HAZARDOUS CONDITIONS AND INCIDENTS

I. IDENTIFICATION

01 STATE 02 SITE NUMBER  
MN D981508250

II. HAZARDOUS CONDITIONS AND INCIDENTS (Continued)

01 ☒ J DAMAGE TO FLORA  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

NONE KNOWN OR OBSERVED.

01 ☐ K DAMAGE TO FAUNA

04 NARRATIVE DESCRIPTION (Include name(s) of species)

02 ☐ OBSERVED (DATE \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

NA.

01 ☒ L CONTAMINATION OF FOOD CHAIN  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

POTENTIAL FOR CONTAMINATION OF FISH IN THE MISSISSIPPI RIVER IF WASTES WERE DUMPED IN RIVER OR MIGRATED TO RIVER VIA GROUND WATER ROUTE

01 ☒ M UNSTABLE CONTAINMENT OF WASTES

(Spills, runs, leaking drums, leaking drums)

03 POPULATION POTENTIALLY AFFECTED UNKNOWN

02 ☐ OBSERVED (DATE \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

04 NARRATIVE DESCRIPTION

WASTES MAY HAVE BEEN DUMPED ON SITE.

01 ☒ N DAMAGE TO OFFSITE PROPERTY  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

POTENTIAL VIA GROUND WATER

01 ☒ O CONTAMINATION OF SEWERS, STORM DRAINS, WWTPs  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_)

☒ POTENTIAL

☐ ALLEGED

PROCESS WASTES MAY HAVE BEEN DISCHARGED TO THE CITY SEWER SYSTEM.

01 ☐ P ILLEGAL/UNAUTHORIZED DUMPING  
04 NARRATIVE DESCRIPTION

02 ☐ OBSERVED (DATE \_\_\_\_\_)

☐ POTENTIAL

☐ ALLEGED

NONE KNOWN OR OBSERVED.

05 DESCRIPTION OF ANY OTHER KNOWN, POTENTIAL OR ALLEGED HAZARDS

NONE KNOWN.

III. TOTAL POPULATION POTENTIALLY AFFECTED: UNKNOWN

IV. COMMENTS

VERY LITTLE INFORMATION ABOUT SITE OPERATIONS IS AVAILABLE.

V. SOURCES OF INFORMATION (Can specify references, e.g., maps, files, reports, etc.)

MPCA PA/SI FILES.  
MPCA RESPONSIBLE PARTY UNIT II FILES.





RECEIVED  
WMD RECORD CENTER

JUN 03 1994

## Minnesota Pollution Control Agency

### PRELIMINARY ASSESSMENT EXECUTIVE SUMMARY

St. Paul Gas Manufacturing Site  
MND981528250

June 18, 1987

#### Situation

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There are no municipal drinking water supply wells within a 3-mile radius of the Site. The City of St. Paul has three wells that serve approximately 5 percent of the population of St. Paul, but these wells are located roughly six miles north of the Site. The remainder of the municipal water supply is obtained from the Mississippi River several miles upstream of the Site. There may be a few private wells within a 3-mile radius of the Site, but this has not been confirmed.

The Mississippi River is located roughly 1,200 feet south of the Site, and is used for recreational purposes along the 3-mile stretch downstream of the Site.

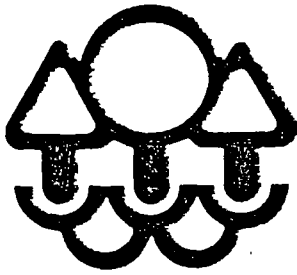
Preliminary and potential Hazard Ranking System (HRS) scores have been calculated for the Site. The preliminary HRS score, based on presently available information and/or on estimates made by Minnesota Pollution Control Agency (MPCA) staff, is 3.75. The potential HRS score, which the Site would receive only if releases of hazardous substances from the Site to ground water and surface water were documented, is 6.39.

#### Inspection Priority Recommendation

The MPCA staff have conducted a Preliminary Assessment for the Site. As a result, the Agency staff believe that the Site represents a low potential hazard to the environment because there is no documentation of ground water contamination, and the possibility of affecting a drinking water well is very low. The MPCA staff hereby recommend that the Site be assigned a medium priority for inspection because there may have been hazardous wastes on-site, and these wastes may have contaminated ground water and/or surface water in the area.

Phone: \_\_\_\_\_

520 Lafayette Road, St. Paul, Minnesota 55155  
Regional Offices • Duluth/Brainerd/Detroit Lakes/Marshall/Rochester  
Equal Opportunity Employer



# Minnesota Pollution Control Agency

## PRELIMINARY ASSESSMENT EXECUTIVE SUMMARY

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Non-Responsive



The Spills Unit of the MPCA's Water Quality Division previously responded to at least one spill in the area of the CNW Railroad Yard in question.

The St. Paul Gas Manufacturing Site and the Burlington Northern John Street Dump appear to be in the Study Corridor Area - Segments D and E.

Thus, there is a strong potential for contamination being found in the Study Corridor Area in question given the available information.

Our file search has revealed that the following Sites are either on the properties in question or are within a one-mile radius of the referenced property:

1. Metals Reduction (H.S. Kaplan) - 141 Water Street, St. Paul, Minnesota 55107 (2,3)
2. 43 East Water Street, St. Paul, Minnesota 55107 (3)
3. Northwestern Shot and Lead, 108 Fairfield Avenue, St. Paul, Minnesota 55107 (2)
4. Pier Foundry and Pattern Shop, Inc., 51 State and Water Streets, St. Paul, Minnesota 55107 (2)
5. Remackel Salvage Site, N $\frac{1}{2}$ , SE $\frac{1}{4}$ , NE $\frac{1}{4}$ , Sec.5, T28N, R22W, St. Paul, Minnesota 55107 (2)
6. Abex Corporation Railroad Production Group, 626 Armstrong Avenue, St. Paul, Minnesota 55102 (2)
7. Industrial Steel Container Corporation, 184 Eagle Street, St. Paul, Minnesota 55106 (2)
8. Skyway Quick Print, 315 B Skyway Building at 55 East 5th Street, St. Paul, Minnesota 55101 (2)
9. St. Paul Gas Manufacturing Site, Olive Street and 4th Street, St. Paul, Minnesota 55101 (2)
10. Poor Richards, Inc., 400 Whittall Street, St. Paul, Minnesota (4,5)
11. Buckbee Mears Operation, 245 East Sixth Street, St. Paul, Minnesota (6)
12. Burlington Northern, John Street Dump (7)
13. J.C. White Demo - also possible ash from American Hoist (7)
14. Lillydale Marina Demo (7)
15. Kamish Demo Site (7)

We also suggest that you contact Ramsey County regarding the location of pipelines, underground storage tanks, and possible spills of petroleum products and/or hazardous substances which may have occurred in the area.

This letter does not constitute an assurance on the part of the MPCA or the State of Minnesota that the property in question is free of any hazardous substances, pollutants, contaminants, or other conditions which may adversely affect the public health, welfare or the environment.